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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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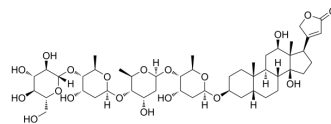
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Deslanoside (Standard)

Cat. No.:	HY-A0154R
CAS No.:	17598-65-1
Molecular Formula:	C ₄₇ H ₇₄ O ₁₉
Molecular Weight:	943.08
Target:	Na ⁺ /K ⁺ ATPase; Drug Metabolite
Pathway:	Membrane Transporter/Ion Channel; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Deslanoside (Standard) is the analytical standard of Deslanoside. This product is intended for research and analytical applications. Deslanoside (Desacetyllanatoside C) is a rapidly acting cardiac glycoside used to treat congestive heart failure and supraventricular arrhythmias due to reentry mechanisms, and to control ventricular rate in the treatment of chronic atrial fibrillation. Deslanoside inhibits the Na-K-ATPase membrane pump, resulting in an increase in intracellular sodium and calcium concentrations ^{[1][2][3]}.

REFERENCES

- [1]. Hauptman PJ, et al. Digitalis. *Circulation*. 1999 Mar 9;99(9):1265-70.
- [2]. Wang L, et al. Ontology-based systematical representation and drug class effect analysis of package insert-reported adverse events associated with cardiovascular drugs used in China. *Sci Rep*. 2017 Oct 23;7(1):13819.
- [3]. Deslanoside.
- [4]. Klys M, et al. Determination of deslanoside in antemortem and postmortem specimens. Unusual case report. *Forensic Sci Int*. 1990 Apr;45(3):231-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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